

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/04526

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04Q7/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 178 172 B1 (ROCHBERGER HAIM) 23 January 2001 (2001-01-23)	1, 2
A	column 1, line 39 -column 4, line 23	3-14
X	WO 01/15465 A (ERICSSON TELEFON AB L M) 1 March 2001 (2001-03-01)	4
A	page 1, line 13 -page 4, line 14	1-3, 7-14
X	WO 98/51096 A (DSC TELECOM LP) 12 November 1998 (1998-11-12)	10
A	page 12, line 7 -page 12, line 30 page 28, line 12 -page 29, line 24 figures 1A, 3	1-9, 11-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

28 June 2004

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05/07/2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6178172	B1	23-01-2001	NONE	
WO 0115465	A	01-03-2001	US 6615042 B1 AU 6885700 A EP 1206882 A2 WO 0115465 A2	02-09-2003 19-03-2001 22-05-2002 01-03-2001
WO 9851096	A	12-11-1998	BR 9809274 A CN 1264518 T JP 2002513536 T US 6230164 B1 WO 9851096 A1	04-07-2000 23-08-2000 08-05-2002 08-05-2001 12-11-1998